

**United States Department of Agriculture
Animal and Plant Health Inspection Service
Center for Veterinary Biologics
P. O. Box 844
Ames, IA 50010**

1. **Reagent Name:** *Pasteurella multocida* Type A Standard Reference Bacterin
2. **Strain or Source:** NVSL Strain 169
3. **Lot Number:** IRP 573 (08)
4. **Fill Date:** January 28, 2009
5. **Expiration Date:** June 30, 2017

Precautions: There are no known hazards associated with the use of this reagent.

6. **Intended Use:** To be used as a reference bacterin in accordance with title 9, *Code of Federal Regulations* (9 CFR), section 113.121, for porcine *P. multocida* bacterins.
7. **Instructions for Use:** Make dilutions according to 9 CFR 113.121 using sterile phosphate-buffered saline, pH 7.2. Mouse dose is 0.1 mL, administered intraperitoneally. Higher volumes may be lethal to some strains of mice.
8. **Test of Reagent:** Bacterin tested free of extraneous agents according to the procedures outlined in 9 CFR 113.26 and free of formaldehyde in accordance with 9 CFR 113.100(f). No unfavorable reactions were attributable to the bacterin in a guinea pig safety test conducted in accordance with 9 CFR 113.38. Mouse potency was conducted according to 9 CFR 113.121.
9. **Container Size, Type, Weight, or Volume:** Glass serum vials containing 10 mL each.
10. **Storage Conditions:** 2°- 7°C
11. **CVB Technical Contact:** Center for Veterinary Biologics, Bacteriology Section, (515) 337-6140 or FAX (515) 337-7673.
12. **Origin and Passage History:** Origin: Porcine lung isolate. Passage history is not available.
13. **Method of Preparation:** A formalin inactivated bulk was prepared from Strain 169 by a licensee according to a confidential outline of production. The inactivated bulk was then adjuvanted by CVB with aluminum hydroxide. This was done by mixing 1 part sterile aluminum hydroxide fluid gel (Rehydragel LV) to 4 parts of formalized culture while continually mixing

with a magnetic stirring bar for 18 to 24 hours at 22°- 28°C. Adjuvanted bacterin was then held in bulk until the mouse potency testing was completed. IRP 573 was filled on January 28, 2009.

14. Other:

Restrictions: For testing only in accordance with 9 CFR 113.121.

Reagent orders and feedback should be sent *including phone number* to the following email address: CVB@aphis.usda.gov

Reagent orders forms (APHIS 2018) are available from:
http://www.aphis.usda.gov/animalhealth/cvb_forms

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